

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 9112-0045	SERIAL NO. 10/678,708
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Raque et al.	
		FILING DATE October 3, 2003	GROUP Unknown

NOV 07 2003
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
JEV	AA	2,286,571	06/16/1942	Pollard			
JEV	AB	3,419,238	12/31/1968	Flory			
JEV	AC	4,197,794	04/15/1980	Raque et al.			
JEV	AD	4,407,625	10/04/1983	Shum			
JEV	AE	4,435,116	03/06/1984	Van Deberg			
JEV	AF	4,569,627	02/11/1986	Simunovic			
JEV	AG	4,651,589	03/24/1987	Lambert			
JEV	AH	4,676,050	06/30/1987	Odenhal			
JEV	AI	4,712,971	12/15/1987	Fyler			
JEV	AJ	4,732,525	03/22/1988	Neumann			
JEV	AK	4,976,582	12/11/1990	Clavel			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JEV	AL	RU 0422580	04/05/1974	U.S.S.R.				X
JEV	AM	EP 0 250 470	01/07/1988	European Patent Office			X (Claims)	
	AN	FR 2 647 763	12/07/1990	France				X
JEV	AO	FR 2 672 836	08/21/1992	France				X
JEV	AP	WO 99/67066	12/29/1999	WIPO				
	AQ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

JEV	AR	Serial and parallel geometry Robots, http://www.sigdemaurex.com/English/Products_E/Geometr_E/Geom_E.htm , one page
	AS	~~Delta Robot, http://www.sigdemaurex.com/English/Products_E/Geometr_E/technic_information.htm, one page~~
	AT	~~FAQ, http://www.sigpack.com/english/faq/index.htm, one page~~

EXAMINER

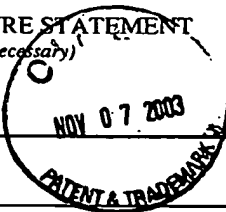
Joseph Valenzuela

DATE CONSIDERED

11/10/04

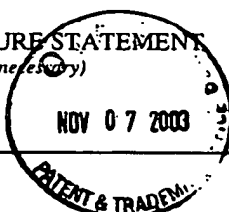
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
JEL	BA	5,053,687	10/01/1991	Merlet			
JEL	BB	5,088,912	02/18/1992	Raque et al.			
JEL	BC	5,279,176	01/18/1994	Tahmasebi et al.			
JEL	BD	5,301,566	04/12/1994	Tahmasebi et al.			
JEL	BE	5,333,514	08/02/1994	Toyama et al.			
JEL	BF	5,588,285	12/31/1996	Odenthal			
JEL	BG	5,656,905	08/12/1997	Tsai			
JEL	BH	5,715,729	02/10/1998	Toyama et al.			
JEL	BI	5,768,856	06/23/1998	Odenthal			
JEL	BJ	6,438,925	08/27/2002	Straub			
JEL	BK	6,543,987	04/08/2003	Ehrat			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	BL						
	BM						
	BN						
	BO						
	BP						
	BQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BR	Fenner, Bernard C., Media Releases, http://www.sigpack.com/english/sig_pack/media/releases/medi20.htm , one page. (2/2003)					
	BS	Packaging with Delta Robots, http://www.sigdemag.com/english/Products_E/Robot_E/Robot_E.htm , one page					
JEL	BT	Tsai, Lung-Wen, Chapter 9 Robotic Mechanisms, pp. 221-235 and 243-247					
EXAMINER Joseph Valmya				DATE CONSIDERED 11/10/04			
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	APPLICANT Raquet et al.	
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
JEL	CA	6,554,336	04/29/2003	Huppi			
JEL	CB	6,564,927	05/20/2003	Meyer			
JEL	CC	6,578,614	06/17/2003	Loewenthal			
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	CL						
	CM						
	CN						
	CO						
	CP						
	CQ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
JEL	CR		Hunt, K.H., <i>Structural Kinematics of In-Parallel-Actuated Robot-Arms</i> , Journal of Mechanisms, Transmissions, and Automation in Design, pp. 705-712, Vol. 105, December 1983
	CS		
	CT		

EXAMINER Joseph Volnyer	DATE CONSIDERED 11/10/04
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